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**Orbit Power Group introduces the new Behlman VPXtra™
3U Open VPX VITA 62 Compliant Power Supply with five
outputs and 550 Watts of power.**

***Behlman raises the power bar again, to give VPX design
engineers more capability than ever before.***

Hauppauge, New York, September 23, 2014— Behlman Electronics Inc., known for its leadership in power products for military, industrial, and commercial applications, has introduced its fourth COTS VPXtra™ Power Supply designed to support the rigors of mission critical airborne, shipboard, vehicle and mobile VPX applications, as well as high-end industrial applications.

The latest in the family of Behlman VPXtra™ Power Supplies is the VPXtra™ 500M 3U COTS DC to DC power unit. This is a rugged, highly reliable, conduction cooled, switch mode unit. It is VITA 62, Open VPX compliant, and delivers up to 550 Watts of DC power via six outputs. The 12V, 3.3V, and 5V main outputs can be paralleled for higher power. VPXtra™ 500M can accept 18 to 36 VDC input, compliant with MIL-STD-704, and can supply a high-power DC output.

VPXtra™ 500M power supplies have no minimum load requirement and have overvoltage and short circuit protection, as well as over current and thermal protection.

Designed and manufactured with *Xtra-Cooling™*, *Xtra-Reliable™* Design and *Xtra-Rugged™* Construction, the Behlman VPXtra™ 500M is your best choice for Open VPX system designs when 3U and VITA Compliance are essential.

According to Ron Storm, president of Orbit Power Group and Behlman Electronics, *“Beginning in 2012, Behlman has repeatedly raised the 6U power bar for VPX system designers. Now we are proud to do the same for design engineers needing higher output from a 3U form factor power supply that complies with Open VPX and VITA 62 requirements.”*

In 2012, Behlman first set new, higher power standards for VPX systems design by perfecting proprietary edge cooling techniques that enabled the 6U Behlman VPXtra™ 1000CD power supply to deliver up to 1000 watts of clean, regulated 12 VDC power and 3.3 VDC auxiliary power.

That same year, Behlman introduced the 6U VPXtra™ 1000CM Power Supply. It is Open VPX, VITA 62 compliant, and delivers 700 Watts of DC power via five outputs (12 VDC, 5 VDC, & AUX. 3.3 VDC, -12 VDC, +12 VDC). It accepts 28 VDC input (IAW MIL-STD-704), and can supply a high power DC output at various power levels.

Early in 2014, Behlman introduced the VPXtra™ 1500CS Power Supply. This is a rugged, highly-reliable, conduction cooled, switch mode COTS AC-to-DC unit for high-end industrial

and military applications. It is VITA 62, Open VPX compliant, and delivers 1500 Watts of 33 VDC power from a 115/200 VAC, 3-phase input, IAW MIL-STD-704, compliant with CE101 and MIL-STD-1399. It also provides short circuit protection, over current and thermal protection, and has no minimum load requirement.

To accomplish these engineering feats, Behlman developed a new engineering standard that successfully cools its high-density VPX-compliant power supplies. The use of Behlman's proprietary *Xtra-Cooling™* technology, *Xtra-Reliable™* design, and *Xtra-Rugged™* construction makes the Behlman VPXtra™ family of power supplies outstanding VPX solutions for those needing higher power and multiple outputs.

Full specifications for all Behlman VPXtra™ power supplies are available at http://www.behlman.com/vpx_vme.html#vpx. First deliveries are scheduled for November-December, 2014.

In addition, the full line of Behlman VPX and VME Power Supplies can also be seen at <http://vmevpx.com>, a single online resource that enables fast, comprehensive searches of a wide variety of VME-VPX solutions for virtually any Vita Compliant electronic system used in military, industrial and commercial applications.

Behlman Electronics, Inc. is a subsidiary of Orbit International Corp., and the basis of the Orbit Power Group. Behlman manufactures and sells high quality standard, modified standard, custom and COTS power solutions, including AC power supplies, frequency converters, inverters, DC-DC, AC-DC, DC-AC, uninterruptible power supplies, and VPX/VME power supplies.

Orbit International Corp., based in Hauppauge, New York, is involved in the manufacture of customized electronic components and subsystems for military and nonmilitary government applications. The Orbit Electronics Group includes Orbit Instrument, Tulip Development Laboratory, and Integrated Combat Systems.

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VPXtra™

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Behlman VPXtra™ 500M 3U Power Supply modules are VITA 62, Open VPX 6U compliant. They have a wide input range, and provide 550 Watts output with 90% efficiency (typical).